

AMENDMENTS TO THE SPECIFICATION

Please replace the first two (2) paragraphs following the heading "Description of the Preferred Embodiments" with the following rewritten paragraphs:

Now turning to the drawings, circuits of the protocol adapter are there shown in schematic in FIGs. 1 through 24 11.

The operating software is depicted in a block diagram in FIG. 1 with FIG. 2 through FIG. 10 showing elements of the mainboard schematic. The general software architecture of the components of the device software system, is provided by a server program 1 that handles communication between clients 6, 6 through an U/S TCP/IP interface 8 on lines 14 and other parts of the device software 3, 4, 5 through an O/S local host interface 9. Server program 1 acts primarily as a message router , routing GC Protocol frames between source entities and designation. Server program 1 communicates with device drivers 2, 2, etc. by means of standard Unix character device interfaces 7. The device drivers 2 also communicate with a memory/space I/O space/interrupt hardware interface 13.